

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT**  
Attorney's Docket No.: E21-006-01-US  
PTO Customer No. 022854

15535 U.S. PTO  
10/619011  
07/14/03

Mail Stop Patent Application  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a: ☒ Utility ☐ Design patent application of:  
☐ Document relating to the application of:

Inventor(s): James M. Halek, et al.

For: MICROWAVE DEMULSIFICATION OF HYDROCARBON EMULSION

Enclosed herewith for filing are:

Application Data Sheet.

19 Page(s) of Specification.

8 Page(s) of Claims.

1 Page(s) of Abstract.

3 Sheet(s) of Drawings.

☒ A combined Declaration, Power of Attorney, and Petition

☐ Verified Statement to establish small entity status

☐ Copy of Assignment of the invention and Recordation Form Cover Sheet.

☐ A certified copy of a \_\_\_\_\_ application.

The filing fee has been calculated as shown below:

	# Claims Filed		# Claims Extra	Small Entity		Large Entity	
				Rate (ea.)	Fee	Rate (ea.)	Fee
Basic Fee:	--		--	--	\$375.00	--	\$750.00
Total Claims:	64	- 20 =	44	\$9.00	\$396.00	\$18.00	
Ind. Claims	3	- 3 =	0	\$42.00	\$ 0.00	\$84.00	
Multi. Claims				\$140.00		\$280.00	
				<b>TOTAL -</b>	<b>\$771.00</b>	<b>TOTAL -</b>	

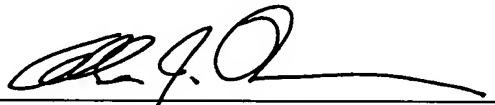
☒ A check in the amount of \$771.00 to cover the filing fee is enclosed.

- ☐ Please charge Deposit Account No. **13-4300** in the amount of \$\_\_\_\_. Two duplicate copies of this sheet are enclosed.
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- ☒ Any patent application processing fees under 37 CFR '1.17, including any fee or deficiency in connection with a time extension necessary to make any Response to an Office Action timely.
- ☒ The issue fee set forth in 37 CFR '1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR '1.311(b).
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Date:

July 11, 2003

Signed



Allen J. Oh

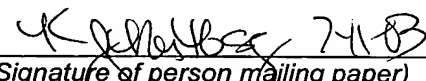
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**CERTIFICATION UNDER 37 CFR ' 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on July 11, 2003 in an envelope marked as "Express Mail Post Office to Addressee" Mailing Label Number EV343281125US and addressed to: Mail Stop Patent Application; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Delivery Date	Time	Employee Signature	
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NO DELIVERY <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday			
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